# Mountain Weather Forecast

## Peak District National Park

Forecast valid from 00:00 on Friday 07 May 2021 until 23:59 on Saturday 08 May 2021

Forecast Issued on Thursday 06 May 2021 at 16:04

**Confidence:** Moderate to high in overall trend, lower in detail of showers.

**Headline for Friday 07 May 2021:** Early frost possible with mist and low cloud on peaks. Then sunny spells and scattered showers by day.

**Mountain weather hazards on Friday 07 May 2021**

**Blizzards**
No Likelihood

**Heavy Snow**
No Likelihood

**Storm force winds**
No Likelihood

**Gales**
No Likelihood

**Severe chill effect**
Medium Likelihood

**Poor visibility**
Medium Likelihood

**Thunderstorms**
No Likelihood

**Heavy persistent rain**
No Likelihood

**Strong sunlight**
Medium Likelihood

| **Weather and chance of precipitation at 600m** | | | | | | | |
|---|---|---|---|---|---|---|---|
| Time | | | | | | | |
| 00:00 | 03:00 | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 |
| | | | | | | | |
| Cloudy | Mist | Fog | Sunny intervals | Light rain showers | Light rain showers | Partly cloudy (night) | Partly cloudy (night) |
| Precipitation probability | | | | | | | |
| 20% | 20% | 20% | 20% | 30% | 30% | 20% | 10% |

**Forecast for Friday 07 May 2021**

**Weather:** An early frost is possible with mist and low cloud on peaks. Then sunny spells and scattered showers by day, possibly of sleet or hail near peaks. Showers will die away during the evening once more.

**Chance of cloud free mountain/hill tops above 600m:** Around 30 percent at first, with low cloud on peaks above 500 metres, this lifting and breaking, with 90 percent chance by day.

**Visibility:** Good or very good in valleys, locally moderate or poor in low cloud cover at first. Moderate in showers.

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# Mountain Weather Forecast

**Forecast for Friday 07 May 2021**

| Height (m) | Wind Speed mean/gusts (mph) | | | | | Wind Direction (blowing from) | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 00:00 | 03:00 | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **600** | 11/16 W | 12/16 W | 11/15 W | 11/16 W | 12/18 NW | 15/22 W | 11/16 W | 5/7 S | 9/11 SE |
| **300** | 8/13 W | 8/12 W | 10/15 W | 8/12 W | 11/18 W | 12/19 W | 9/15 W | 4/5 S | 5/8 SE |
| **Valley** | 4/12 NW | 4/10 W | 7/13 W | 6/10 W | 9/17 W | 9/18 W | 8/15 W | 2/4 N | 6/10 E |

| Height (m) | Temperature / Feels Like (°C) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 00:00 | 03:00 | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **600** | 1/-4 | 1/-4 | 1/-3 | 2/-2 | 4/-0 | 4/0 | 4/1 | 2/-0 | 2/-1 |
| **300** | 4/0 | 3/-0 | 3/-0 | 4/2 | 7/4 | 8/4 | 7/5 | 4/3 | 4/2 |
| **Valley** | 4/2 | 3/1 | 4/1 | 6/4 | 8/6 | 8/6 | 8/6 | 4/2 | 3/1 |
| **Freezing Level*** | 800m | 800m | 800m | 700m | 800m | 800m | 700m | 700m | 700m |

**Level above which ground is expected to be frozen/snow is expected to settle.*

**Meteorologist's View**

Feeling cold in the wind with temperatures near freezing on peaks.

**Recent rainfall:** measured at Cat & Fiddle: altitude 511m

| Recorded at | Last 24 hours: | Last 48 hours: | Last 72 hours: |
|---|---|---|---|
| 14:00 on Thu 06 May 2021 | 0mm | 0mm | 0mm |

**Forecast for Saturday 08 May 2021**

**Weather:** Cloud will increase overnight with periods of heavy rain during the day. Cloud will lower and cover peaks, leading to widespread fog. Feeling cold in strengthening winds.

**Maximum wind:** Southerly winds will increase and gust to near gale or gale at times, speeds 45-50 mph.

**Chance of cloud free mountain/hill tops above 600m:** 10 percent for much of the day with widespread low cloud cover.

**Visibility:** Moderate in valleys in rain, poor or very poor at altitude in low cloud cover.

**Temperature:** **Valleys:** 1 bec 11 deg C
**At 600m:** 1 bec 8 deg C
**Freezing level:** Near the peaks at first, then above peaks.

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